



DIVING DEEP: THE FUNCTIONALITY OF YOUR DOWNTOWN

Virginia Main Street
Conference
Tuesday, July 11, 2017
Kelly Henshaw, PE
City Engineer
City of Winchester

OVERVIEW



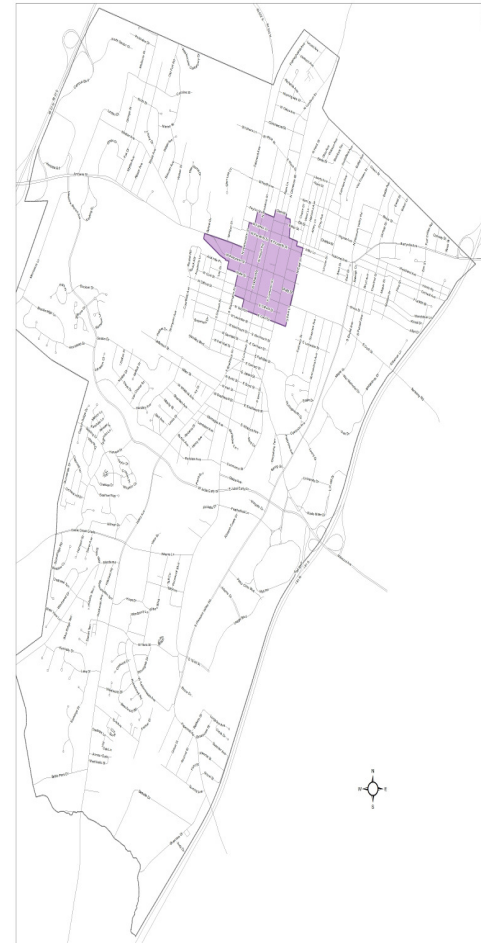
- Introduction
- Factors to Consider
- Project Phases
- Example Projects



INTRODUCTION



- A Little About Winchester
- Changing Your Paradigm
- Our Project Philosophy



FACTORS TO CONSIDER



- Pedestrian Safety
- Impacts to Local Businesses
- Utilities
- Traffic Flow
- Parking
- Streetscape



PROJECT PHASES

- Planning & Design
- Construction
- Post-Construction



PLANNING & DESIGN

- Identify:
 - Objective of Project
 - Additional Needs and Wants
 - Stakeholders
- Develop Conceptual Drawings
- Evaluate Design



CONSTRUCTION



- Set a Reasonable Timeline
- Work with Residents and Businesses
- Give Incentives



POST-CONSTRUCTION



- Training for Staff
- Be Open to Change
- Keep Communicating



EXAMPLE PROJECTS

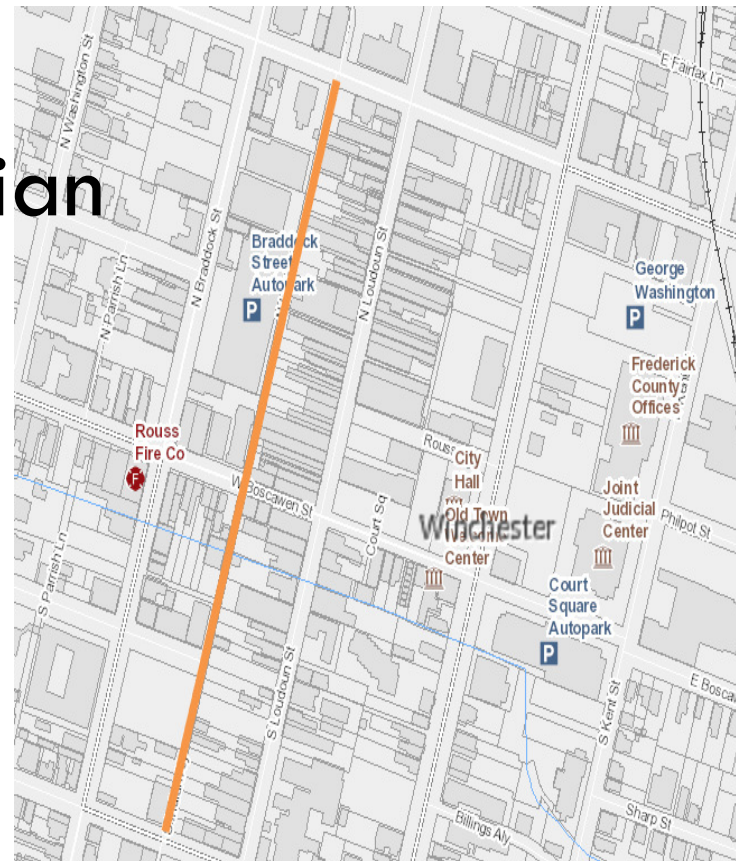


- Indian Alley
- National Avenue Gateway
- Loudoun Street Mall



INDIAN ALLEY

- Scope: 1 / 3 Mile of Utility and Pedestrian Improvements
- Time to Complete: 2 months (August – September 2012)
- Cost: \$1.2 Million



INDIAN ALLEY



NATIONAL AVENUE GATEWAY

- Scope: Installation of Roundabout, Pedestrian Improvements and Landscaping
- Time to Complete: 6 months (April – September 2015)
- Cost: \$1.4 Million



NATIONAL AVENUE GATEWAY

Winchester
public services *Virginia*



LOUDOUN STREET MALL



- Scope: 1 / 3 Mile of Utility and Pedestrian Improvements, Enhanced Streetscape
- Time to Complete: 5 months (January – May 2013)
- Cost: \$7.5 Million



LOUDOUN STREET MALL



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LOUDOUN STREET MALL



QUESTIONS?



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